

ROZENSHTRAUKH, L.S. (Moskva, D-80, Volokolamskoye shosse, d. 14b, kv.84)
MUSHINA, L.N. (Moskva, D-80, Volokolamskoye shosse, d. 14b, kv.84)
BUDAVARI, K.Yu. (Moskva, D-80, Volokolamskoye shosse, d. 14b, kv.84)

Bronchography by means of ioduron B. Grud. khir. 5 no.2:119-121
Mr-Ap'63 (MIRA 17:2)

BENTSIAKOVA, V.M., dots., red.; VIKTORINA, V.P., kand. med.
nauk, red.; KAGAN, Ye.M., prof., red.; LAGUNOVA, I.G.,
prof., red.; PERESLEGIN, I.A., doktor med. nauk, red.;
ROZENSHTRAUKH, L.S., prof., red.

[Materials of the enlarged plenum of the Board of the
All-Union Scientific Society of Roentgenologists and
Radiologists and of the out-of-town session of the Sci-
entific Council of the State Scientific and Research
Institute of X-Ray Radiology of the Ministry of Public
Health of the R.S.F.S.R., held December 23 - 26, 1963,
in Rostov-on-Don] Materialy rasshirennogo plenuma Prav-
leniia Vserossiiskogo nauchnogo obshchestva rentgeno-
logov i radiologov i vyezdnoi sessii Uchenogo soveta
Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-
radiologicheskogo instituta MZ RSFSR 23-26 dekabria 1963.
goda, g.Rostov-na-Donu, Moskva, 1963. 188 p.

(MIRA 18:1)

ROZENSHTRAUKH, L.S., prof.; SEMENOVSKIY, M.L., kand.med. nauk

Comparative evaluation of contrast substances for angiography.
Vest. rent. i rad. 28 no.2:9-13 Mr-Apr'63. (MIRA 16:9)

1. Iz 2-y kafedry rentgenologii (zav. - prof. Yu.M. Sokolov) i
2-y kafedry khirurgii (zav. - prof. B.K. Osipov) Tsentral'nogo
instituta usovershenstvovaniya vrachey (dir. M.D.Kovrigina).
(PULMONARY CIRCULATION) (ANGIOCARDIOGRAPHY)
(CONTRAST MEDIA)

ROZENSHTRAUKH, Leonid Semenovich, prof.; RYBAKOVA, Nina Illarionovna,
kand. med. nauk; BENTSIANOVA, V.M., red.; BEL'CHIKOVA, Yu.S.,
tekhn. red.

[Clinical X-ray diagnosis of paragonimiasis] Klinicheskaja rent-
genodiagnostika paragonimoza. Moskva, Medgiz, 1963. 213 p.
(MIRA 16:7)

(PARAGONIMIASIS) (LUNGS—RADIOGRAPHY)

ROZENSHTRAUKH, L.S.

Significance of collateral ventilation in lung cancer. Grud.
khir. 3 no.6:94-100 M-D '61. (MIRA 15:3)

1. Iz 2-y kafedry rentgenologii i meditsinskoy radiologii (zav. -
prof. Yu.N. Sokolov) Tsentral'nogo instituta usovershenstvovaniya
vrachey (dir. M.D. Kovrigina).
(LUNGS--CANCER) (RESPIRATION)

ROZENSHTRAUKH, L.S., prof. (Moskva, D-80, Volokolamskoye shosse, d.14-b, kv.84)

X-ray diagnosis of tumors of the thymus gland. Vest. rent. i
rad. 37 no.1:33-39 Ja-F '62. (MIRA 15:3)

1. Iz 2-y kafedry rentgenologii (zav. - prof. Yu.N. Sokolov)
TSentral'nogo instituta usovershenstvovaniya vrachey (rektor
M.D. Kovrigina).

(THYMUS GLAND--TUMORS)
(DIAGNOSIS, RADIOSCOPIC)

ROZENSHTRAUKH, L.S. (Moskva, Volokolamskoye shosse, d. 14-b, kv. 84);
LUKOMSKIY, G.I.; GERASIMOVA, V.D.; SANPITER, I.A.

Use of adhaegon for anesthesia of the tracheobronchial tree.
Grud. khir. 2 no. 3: 82-84 My-Je '60. (MIRA 15:3)

1. Iz kafedry rentgenologii (zav. - prof. Yu.N. Sokolov) Tsentral'nogo instituta usovershenstvovaniya vrachey i kafedry fakul'tetskoy khirurgii (zav. - prof. I.S. Zhorov) i I Moskovskogo ordena Lenina meditsinskogo instituta na baze 61-y klinicheskoy bol'nitsy (glavnyy vrach - kand.med.nauk L.N. Vasilovskaya).

(ANESTHESIA, INTRATRACHEAL)
(BRONCHI--SURGERY)

ROZENSHTRAUKH, L.S., prof.

First All-Union Conference of Roentgenologists and Radiologists,
Biul. Uch.med. sov. 3 no.2:22-27 Mr-Apr '62. (MIRA 15:4)
(RADIOLOGY, MEDICAL--CONGRESSES)

ROZENSHTRAUKH, L.S., prof. (Moskva)

Some problems in teaching in departments of roentgenology. Vest.
rent. i rad. 37 no.2:76-78 Mr-Apr '62. (MIRA 15:4)
(RADIOLOGY, MEDICAL--STUDY AND TEACHING)

ROZENSHTRAUKH, L.S., prof.; BENTSANOVA, V.M., dotsent; ZUBCHUK, N.V., kand.
med.nauk

First All-Russian Congress of Roentgenologists and Radiologists.
Vest. rent. i rad. 36 no.6:74-82 N-D '61. (MIRA 15:2)
(RADIOLOGISTS--CONGRESSES)

LEONOVA, L.N., kand.med.nauk; ROZENSHTRAUKH, L.S., doktor med.nauk;
ODINOKOVA, V.A., kand.med.nauk

Clinical aspects, diagnosis, and treatment of tumors of the
thymus. Khirurgiia 36 no.8:20-25 Ag '60. (MIRA 13:11)

1. Iz kafedry obshchey khirurgii (zav. - zasluzhennyy deyatel'
nauki prof. B.E. Linberg) Moskovskogo meditsinskogo stomatolo-
gicheskogo instituta, 1-y khirurgicheskoy kliniki (zav. - dots.
N.I. Makhov) Moskovskogo oblastnogo nauchno-issledovatel'skogo
klinicheskogo instituta, kafedry rentgenologii (zav. - prof.
Yu.N. Sokolov) Tsentral'nogo instituta usovershenstvovaniya vra-
chey, patologoanatomicheskogo otdela (zav. - prof. S.B. Vaynberg
[deceased]) Moskovskogo oblastnogo nauchno-issledovatel'skogo
klinicheskogo instituta.

(THYMUS GLAND—TUMORS)

ROZENSHTRAUKH, L.S., doktor meditsinskikh nauk; FAYTEL'SON, L.D.

Device for double contrast in roentgenological examination of the stomach. Vest.rent.i rad. 36 no.3:54-55 My-Je '61. (MIRA 14:7)

1. Iz 2-y kafedry rentgenologii i radiologii (zav. - prof. Yu.N. Sokolov) Tsentral'nogo instituta usovershenstvovaniya vrachey (dir. M.D.Kovrigina).

(STOMACH--RADIOGRAPHY)

FRIDKIN, V.Ya.; ROZENSHTRAUKH, L.S.

Bronchial tree in lobar and zonal atelectasis and pulmonary cirrhosis.
(MIRA 13:12)

Vop.onk. 5 no.10:425-431 '59.

(LUNGS—COLLAPSE)

(PULMONARY FIBROSIS)

(BRONCHI)

ASHCHEULOVA, Ye.N.; ROZENSHTRAUKH, L.V.; TRUBETSKOY, A.V.

Electrocardiographic indices and oxygen requirement of the myocardium
under artificial circulation. Eksper. khir. 5 no.6:38-42 N-D '60.

(MIRA 14:2)

(HEART—MUSCLE)

(BLOOD—CIRCULATION, ARTIFICIAL)

L 29015-66

ACC NR: AP6018858

SOURCE CODE: UR/0239/65/051/009/1070/1079

AUTHOR: Rozenashtraukh, L.V.; Rakova, A.V.

ORG: Institute of Therapy, AMN SSSR, Moscow (Institut terapii AMN SSSR)

TITLE: Microelectrode study of the aconitine model of cardiac fibrillation 22

SOURCE: Fiziologicheskiy zhurnal SSSR, v. 51, no. 9, 1965, 1070-1079

TOPIC TAGS: bioelectric phenomenon, cardiovascular system, experiment animal, pharmacology 21
B

ABSTRACT: This study was carried out on Rana temporaria hearts isolated together with the vago-sympathetic trunks. Crystalline aconitine was applied to a spot of myocardium fiber into which a microelectrode had been inserted, and the bioelectric potentials were recorded on electric stimulation of the vago-sympathetic trunks. The nature of the bioelectric response at the foci of aconitine action (length of latent period, velocity of repolarization) indicated that a cholinergic effect was produced and that the vagus was primarily involved in this effect. The ectopic disturbance (arrhythmia) which developed in the auricles as a result of the action of aconitine was accompanied by the formation of a second plateau, against the background of which an extrasystole appeared. This type of action indicated that aconitine reduced the permeability of cell walls to potassium ions and prevented their exit from the cells. The response at the heterotropic focus depended on the phase of the action of aconitine and the strength of stimulation of the vagus: there was either an increase in the ectopic rhythm or a temporary inhibition of heterotropic activity. The results obtained indicated that an ectopic effect rather than cyclic action was responsible for the development of fibrillation.

Orig. art. has: 6 figures and 1 table. [JPRS]

SUB CODE: 06/ SUBM DATE: 13Mar64/ ORIG REF: 012/ OTH REF: 021

Card 1/1

UDC: 612.17

ROZENSHTRAUKH, L.V.; RAKOVA, A.V.

Microelectrode study on an aconitine model of cardiac fibrillation. Fiziol. zhur. 51 no.9:1070-1079 S '65. (MIRA 18:9)

1. Institut terapii AMN SSSR, Moskva.

ROZENSHTRAUKH, I.V.; FEDOROVA, A.P.

Mechanism of pharmacological cardioplegia. Biul. eksp. biol. i
med. 56 no.9:65-69 S '63. (MIRA 17:10)

1. Iz kafedry fiziologii cheloveka i zhivotnykh (zav. - deystvitel'nyy
chlen AMN SSSR prof. A.V. Lebedinskiy) biologo-pochvennogo fakul'teta
Moskovskogo gosudarstvennogo universiteta imeni Lomonosova. Predstav-
lena deystvitel'nyy chlenom AMN SSSR A.V. Lebedinskim.

ROZENSHTEYN, I.M.

Organizational work of rural district sanitation and epidemic control stations. Sov.zdrav. 16 no.9:19-23 S '57. (MIRA 10:12)

1. Glavnyy vrach Melitopol'skoy rayonnoy sanitarno-epidemiologicheskoy stantsii (Zaporozhskaya oblast')

(COMMUNICABLE DISEASES, prev. and control

in rural districts)

(RURAL CONDITIONS

prev. of communicable dis.)

ROZENSHTEYN, M.A.

USSR/General Division - Methods and Techniques of Investigation. A-6

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 25770

Author : Rozenshteyn, M.A.

Inst :

Title : A Technique for the Application of Frozen Thin Sections on Glass.

Orig Pub : Vrachebnoye Delo, 1955, No 2, 163-164

Abst : A frozen thin section is lifted out of water onto a clean glass slide, and dried for 1 to 2 minutes in an inclined position. 70 degree, 96 degree and undiluted alcohol are successively poured on by drops, followed by a mixture of equal parts of undiluted alcohol and ether. The dehydrated section is then covered with a drop of highly liquid celloidin solution, briefly dried in air, and rapidly immersed in water. The thin film of celloidin caused the section to adhere firmly to the glass and does not prevent normal staining.

Card 1/1

Rozenshteyn, Ya. I.

Valuable feed from the waste of the [alcohol] industry.
Ya. I. Rozenshteyn, *Spiritoraya Prom.* 23, No. 6, 30-40
(1957).—The production of fodder yeast is described, as ob-
tained as by-product in the EtOH manuf., which analyzes
H₂O 9-9.5, protein in dry matter 45%, with an acidity of
(0.24, expressed as AcOH in 100 g. dry product. W. I.

ROZENSHTRAUKH, L.S.; SEMENOVSKIY, M.L.

Comparison of angio- and bronchographic data in the central form
of lung cancer. Vop. onk. 6 no. 10:46-51 0 '60. (MIRA 14:1)
(LUNGS---CANCER) (AMGIOGRAPHY) (BRONCHI---RADIOGRAPHY)

ROZENSHTRAUKH, L.S.; SEMENOVSKIY, M.L.

Comparison of angio- and bronchographic data in a peripheral form
of pulmonary cancer. Vop. onk. 6 no. 11:33-38 N '60. (MIRA 14:1)
(LUNGS--CANCER) (ANGIOGRAPHY)

ROZENSHTRAKH, M.

The production council of a ship at work. Mor. flot 25 no.7:5-6 J1 '65.
(MIRA 18:7)

1. Rukovoditel' seksii ekonomiki Nauchno-tehnicheskogo obshchestva
vodnogo transporta upravleniya Dal'nevostochnogo parokhodstva.

FISHER, Ye.; ROZENSHATRAKH, M.

In the front rows of builders of communism. Mor. flot 23 no.10:
4-5 0 '63. (MIRA 16:10)

1. Nachal'nik planovogo otdela Vladivostokskogo porta (for Fisher).
2. Nachal'nik normativno-issledovatel'skoy stantsii Dal'nevostochnogo parokhodstva (for Rozenshtrakh).
(Longshoremen)

ROZENSTRAUKH, L.V.

Effect of some pharmacological substances on oxygen consumption
by a "dry" myocardium of the isolated dog heart. Dokl.
AN SSSR 140 no.5:1220-1222 0 '61. (MIRA 15:2)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom A.N.Bakulevym.

(HEAT--MUSCLE)
(PHARMACOLOGY)
(RESPIRATION)

FISHER, Ye., inzhener (Vladivostokskiy port); ROZENSHTRAKH, M., inzhener
(Vladivostokskiy port).

Harbor operations in two shifts. Mor.flot 17 no.6:4-6 Je '57.
(MLRA 10:7)

(Loading and unloading) (Shift systems)

POZENSKI, M.

"Activity of the branches of Workers Supply in metallurgy. p. 204."
(ZYCIE GOSPODARSTWA, Vol. 1, no. 7, Feb. 1953, Warszawa, Poland.)

30: East European, L. C. Vol. 2, No. 12, Dec. 1953

ROZENSON, I.S.; LYUKHINA, I.I.

Spinning of 60-70 mm long rayon staple; preliminary report.
Nauch.-issl.trudy IvNITI 23:25-29 '59. (MIRA 14:4)
(Rayon spinning)

ROZENSON, I.S., kand. tekhn. nauk.

Erroneous recommendations made by Candidate of Technical Sciences
I.T. Abdurakhimova ("Drawing process on the back section of a
single-apron drawing mechanism" by I.T. Abdurakhimova. Reviewed
by I.S. Rozenson. Izv. vys. ucheb. zav.; tekhn. tekst. prom.
no.1:188-190 '58. (MIRA 11:5)

1. Ivanovskiy nauchno-issledovatel'skiy tekstil'nyy institut.
(Spinning)
(Abdurakhimova, I.T.)

ROZENSON, I.S.; BEKENEVA, I.M.

Problems of spinning from sliver. Tekst. prom. 18 no.9:
17-19 S '58. (MIRA 11:10)

(Cotton spinning)

ROZENSON, Isaak Samuilovich; BALASHOV, V.A., red.

[Roving frames]Rovnichnye mashiny. Ivanovo, Ivanovskoe
knizhnoe izd-vo, 1963. 54 p. (MIRA 17:5)

ROZENSON, I. S.

ROZENSON, I. S. -- "Investigating Ways of Improving the Operation and Increasing the Power of Extraction Equipment." Min Higher Education USSR. Moscow Textile Inst. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SOURCE Knizhnaya Letopis' No 6 1956

ROZENSON, N. A.

O Rimanovykh Prostranstvakh Klassa 1. ian, ser Matem., 4 (1940), 181-192,

O Rimanovykh Prostranstvakh Klassa 1, 11. ian, ser. Matem., 5 (1941), 325-352.

O Rimanovykh Prostranstvakh Klassa 1, 111. ian, ser. Matem., 7 (1943), 253-284.

SO: Mathematics in the USSR, 1917-1947

edited by Kurosh, A. G.,

Markushevich, A. I.,

Rashevskiy, P. K.

Moscow - Leningrad, 1948.

VOLOSATOV, Viktor Alekseyevich; ROZENSON, S.A., inzh., retsenzents; SVERDLOV, M.I., kand. tekhn. nauk, red.; BORODULINA, I.A., red. izd-va; PETERSON, M.M., tekhn. red.

[Waste-free and low-waste sheet-metal work] Bezotkhodnaia i malootkhodnaia shtampovka listovykh detalei. Izd.2., ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1961. 147 p.
(MIRA 14:12)

(Sheet-metal work)

VOLOSATOV, Viktor Alekseyevich; ROZENSON, S.A., inzh., retsenzent; OBOLDUYEV,
G.T., inzh., red.; LEYKINA, T.L., red. izd-va; SOKOLOVA, L.V., tekhn.
red.

[Pressure cutting machine operator] Rezhik-pressovshchik. Moskva,
nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1955. 105 p.
(Metal cutting) (MIRA 11:9)

ROZENSHTRAUKH, L.V.; ASHCHEULOVA, Ye.N.

Experiments with potassium salts of acids participating in
Krebs cycle as possible agents inducing cardioplegia. Eksper.
khir. i anest. 8 no.3:28-29 My-Je'63 (MIRA 17:1)

1. Iz kafedry fiziologii zhivotnykh i cheloveka Moskovskogo
universiteta imeni Lomonosova.

ROZENTAL, A.

DANILENKO, A.; CHUMAKOV, N.; SERBINOVSKIY, G.; GRACHEV, V.; KHRAMUSHIN, A.;
SOKOLOV, B.; BOL'SHAM, Ya.; TAYTS, A.; NEYFEL'D, M.; FRENKEL', S.;
LYUDMIRSKIY, I.; KEBESNYI, A.; VESHENEVSKIY, S.; YERMILOV, A.;
BROZGOL', M.; SOLOV'YEV, P.; KLYUYEV, S.; ROZENTAL', A.; SMIRNOV, V.;
DOROFYUK, A.

Solomon Mikhailovich Livshits; obituary. Prom energ. 11 no.12:34
D '56. (MIRA 10:1)

(Livshits, Solomon Mikhailovich, 1901-1956)

A. ROZENTAL

"Peculiarities of dysentery in small children" Tr. from the Russian p.13
(ANALELE ROMANO-SOVIETICE. SERIA PEDIATRIE Vol. 6, No. 3, May/June 1953
Bucuresti, Rumania)

SO: East European, LC, Vol. 2, No. 12, Dec. 1953

3/195/60/001/004/011/015
BO17/BO55

AUTHORS: Chzhan Chzhao - lan', Lavrovskiy, K. P., Rozental', A. A.
TITLE: Dehydration of Isopentane on Chromium-oxide/Aluminum-oxide Catalysts

PERIODICAL: Kinetika i kataliz, 1960, Vol. 1, No. 4, pp. 583-592

TEXT: The authors investigated the dehydrogenation of isopentane over fixed and fluidized beds of chromium-oxide/aluminum-oxide catalysts. Three catalysts with the following compositions were used: catalyst No. 1: 14.8% by weight Cr_2O_3 , 83.7% by weight Al_2O_3 and 1.5% by weight K_2O ; catalyst No. 2: 7% by weight Cr_2O_3 , 92.5% by weight Al_2O_3 and 0.5% by weight K_2O ; catalyst No. 3 was prepared by B. A. Kazanskiy (Ref. 3). The reaction products were analyzed by gas chromatography. The authors studied the kinetics of the dehydrogenation process in a fluidized bed under vacuum at grain sizes of the catalyst varying between 0.05 and 0.01 mm. The equilibrium constant of isopentane dehydrogenation is given in Table 1.

Card 1/3

Dehydration of Isopentane on Chromium-oxide/
Aluminum-oxide Catalysts

S/195/60/001/004/011/015
B017/B055

The equilibrium composition of the products at 760 and at 100 mm Hg is shown in Figs. 1 and 2. The vacuum apparatus is represented in Fig. 3. The catalysts exhibited practically equal activity. Dehydrogenation at 550°C yielded 30-31% isoamylenes and isoprene, with 46-47% of the isopentane entering into reaction, while at 520°C the yield was only 22-23% with 28% of the isopentane reacting. Table 2 shows the composition of the products formed at dehydrogenation of isopentane on the fixed catalyst. The kinetics of isopentane dehydrogenation on the fluidized and fixed catalysts in the region of small yields (up to 30%) were studied at 500, 520, and 550°C. Distribution curves of the reaction products appear in Figs. 4 and 5. Special characteristics of the dehydrogenation reaction of isopentane were discussed giving kinetic equations which allow for the homogeneity of the catalyst surface. The kinetic curves for isopentane dehydrogenation on the fixed and fluidized catalysts in the region of small yields are represented in Fig. 6. The activation energy of dehydrogenation is 44 kcal/mole. The dehydrogenation of isopentane at higher temperatures and lower pressure is described in Table 4. At 600°C, 100 mm Hg and a sojourn time of 2.2 sec, 62.3% of the isopentane reacts, and yields 20.2% isoamylenes and 15.3% isoprene. The C₅ fraction contained

Card 2/3

Dehydration of Isopentane on Chromium-oxide/
Aluminum-oxide Catalysts

S/195/60/001/004/011/015
B017/B055

21% isoprene. The dehydrogenation of isopentane by the fluid-bed technique is recommended for the single-stage preparation of isoprene. There are 6 figures, 4 tables, and 17 references: 14 Soviet and 3 US.

ASSOCIATION: Institut neftekhimicheskogo sinteza AN SSSR (Institute of Petrochemical Synthesis of the AS USSR)

SUBMITTED: March 21, 1960

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Card 3/3

126
 Emulsifying drying oils. A. G. Rosental, Z. I. Bodayash-
 ina, and E. O. Bukan. *Prikladnaya Khim.* 1944, No.
 5/6, 39-41.—Various formulas are presented for making
 emulsifying mixts. from drying oils. S. Gottlieb

100 AND 4TH FLOORS
 PROCESSES AND PROPERTIES INDEX
 Siccative emulsions. A. G. Rozental and E. O. Buzan.
 U.S.S.R. 66,016, March 31, 1946. Polymerized and
 ozonized vegetable oils are vigorously stirred in H₂O in
 the presence of CuO. M. Hosh

ASD 5LA METALLURGICAL LITERATURE CLASSIFICATION
 FROM SOURCE
 Includes map and data
 100 AND 4TH FLOORS

SOV/124-57-4-4540

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 4, p 95 (USSR)

AUTHOR: Rozental', A.I.

TITLE: An Apparatus for Measuring the Height of Waves in Hydraulic Troughs
(Pribor dlya izmereniya vysoty volny v gidravlicheskikh lotkakh)

PERIODICAL: Tr. N.-i. in-ta osnovaniy i fundamentov, 1955, Nr 25, pp 125-128

ABSTRACT: A presentation of an improved circuit of a wave recorder operating on direct current. The circuit includes provisions for the connection of an appropriate resistance in parallel with the electrode rods as well as for the connection of a circuit consisting of an additional source of emf in series with a variable resistor in parallel with the primary source of power connected across the loop of the oscillograph.

P. A. Volkov

Card 1/1

KRUGLOV, I.N.; ZOBACHEV, N.M.; GALITSKIY, V.G.; ROZENTAL', A.I.

Automated unit used for testing soils by means of test loads.

[Trudy] NIIOSP no.33:84-99 '58.

(MIRA 11:9)

(Testing machines) (Soil mechanics)

ROZENTAL', A. L.

Rozental', A. L. -- "Investigations in the Field of Heterogeneous Processes at Pulverized Contacts (Contact Catalysts)." Acad Sci USSR, Inst of Petroleum, Moscow, 1955 (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No 24, 11 June 1955, Moscow, Pages 91-104

USSR/Geology - Petroleum

FD-2934

Card 1/1 Pub. 41-15/17

Author : Lavrovskiy, K. P. and Rozental' A. L., Moscow

Title : Kinetics of the regeneration of synthetic bead catalysts.

Periodical : Izv. AN SSSR, Otd. Tekh. Nauk 6, 140-148, June 1955

Abstract : Describes the mechanics of the experimental procedure and analyzes the data received, the purpose of the experiment being to determine the kinetics of the removal of carbon from the working surfaces of the synthetic bead catalysts used in petroleum refineries. The carbon is removed by oxidation and combustion. Diagrams, graphs, tables and formulae. Six references, 4 USSR

Institution :

Submitted : April 24, 1954

Regularities in the course of chemical reactions in a "boiling" layer. K. P. Lavrovskii and A. L. Rozental. *Khim. i Tekhnol. Topliva* 1956, No. 2, 27-31. ~~cf. Bodenstein and Wolgast, C.A. 2, 1222; Matheson, et al., C.A. 43, 6805g.~~—There is no general theory for systems in which heterogeneous reactions are taking place. However, in such cases, contemporary chem. technology is making more and more use of "boiling" or "bubbling" layers or beds of moving powd. particles suspended in a rising stream of gas. (The usual term in America is "fluidization"). The particles circulate within the limits of the vol. of the app., usually forming a relatively high bed or layer. The present article attempts to analyze this fluidizing method, and to give formulas for concns., velocities, efficiency, and other factors involved, without, however, giving any examples other than references to several Russian papers (*C.A.* 40, 4589^a) and to one by Bodenstein (*loc. cit.*) for the case of full mixing. Actual cases of fluidization, however, are characterized by a coeff. of mixing between no mixing, ($D = 0$) and full mixing ($D = \infty$).

V. H. Gottschalk

RM *SAH*

chem

2

3
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0

Rozental, A. L.

Mixing of gas in a boiling layer. K. P. Lavrovskiy and
A. L. Rozental. *Khimiya Tekhnol. Topiva* 1956, No. 3, 17-
21. By using the exptl. data of Gilliland *et al.* (C.A. 47,
8422c) equations for optimum gas flow in petroleum cracking
processes were developed. A. P. Kotloby

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20017-1

8M

ROZENTAL' A. L.

Interaction of Iron Ores with Methane in a "Boiling"
Layer. K. E. Lavrovskii, A. L. Rozental' and A. Kh. Edlit.
(Doklady Akad. Nauk S.S.S.R., 1967, 118, (4), 724-727).
(In Russian). An apparatus for the study of the interaction
between iron ore and methane is described and the method
of study of the interaction of methane and an ignited and
oxidized siderite ore is discussed. The influence of the tem-
perature and the rate of circulation of gas on the degree of
reduction of ore was particularly studied.—S. I. R.

4E41
4E5C

PM 12/2/67

Category: USSR

B-9

Abs Jour: Zh.-Kh. No 3, 1957, 7581

Author : Lavrovskiy, K. P. and Rozental, A. L.

Inst : Petroleum Institute of the Academy of Sciences USSR

Title : The Mechanism of Chemical Reactions in Fluidized Beds

Orig Pub: Tr. In-ta Nefti AN SSSR, 1956, Vol 8, 94-98

Abstract: The basic principles of reactions occurring in "boiling layers (i. e. in systems consisting of a gas and moving dust-like particles of catalyst or some other substance) have been investigated and the effect of mixing on the distribution of the reactants concentrations over the length of the bed has been determined. It has been shown that for n-order heterogeneous reactions in which no change of volume occurs increasing the dispersion, all other factors being equal, will lower the conversion; the depressing effect is the greater

Card : 1/2

-32-

Category: USSR

B-9

Abs Jour: Zh--Kh, No 3, 1957, 7581

the higher n . Under conditions of catalyst poisoning, increasing the dispersion will increase the conversion. When a number of parallel reactions occur in the fluidized bed, increasing the dispersion will lead to an equalization of the product distribution by the inhibition of the faster reactions,

Card : 2/2

-33-

KOZENTAL, A. H.

... during ...
... without a ...
... and, possibly ...
... and the ...
... and ...
... and ...

S/020/60/133/005/012/019
B016/B060

AUTHORS: Lavrovskiy, K. P., Corresponding Member AS USSR,
Rozental', A. L., Chzhan Chzhao-lan'

TITLE: Study of the Reaction of Catalytic Dehydrogenation of
Isopentane ^

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 133, No. 5,
pp. 1098-1101

TEXT: The authors studied the reaction mentioned in the title on chromium- and aluminum oxide catalysts in the temperature range between 500 and 600°C by making use of a pseudoliquid layer. Fig. 1 shows a scheme of the vacuum apparatus used for the purpose. A pseudoliquid layer formed on the passage of isopentane through the catalyst. The C₂ - C₅ hydrocarbons were chromatographically separated in a column with

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Study of the Reaction of Catalytic Dehydrogenation of Isopentane

S/020/60/133/005/012/019
B016/B060

be seen therefrom, the catalysts of different compositions had a similar activity. Figs. 2 and 3 supply typical curves for the amounts of reaction products developed. The molar ratios $C_1 : C_4$ and $C_2 : C_3$ approach unity in the gases. These hydrocarbons were apparently formed by isopentane cracking. The drop in selectivity with rising temperature fairly fitted the increase in isopentane consumption for cracking. The products contained 2-methyl butene-2, 2-methyl butene-1, and 3-methyl butene-1 at a ratio of 100 : 50 : 16 at 500°C; at 520°C, this ratio was 100 : 54 : 18; at 550°C, it was 100 : 55 : 16; at 580°C, it was 100 : 56 : 14. This ratio was little dependent on pressure and on the conversion degree of isopentane, and diverged little from the ratio of equilibrium. The ratio of isoprene to the sum of the isoamylenes fitted the ratio of equilibrium. This is indicative of the high rates of the processes of isomerization and dehydrogenation of isoamylenes on oxide catalysts. For the interpretation of experimental results in the range of conversion degrees up to 30% the authors made use of equations (1) for the pseudoliquid layer, and (2) for the resting layer. Fig. 4 shows that the points established in the experiment group along the straight lines

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Study of the Reaction of Catalytic De-
hydrogenation of Isopentane

S/020/60/133/005/012/019
B016/B060

1 and 2. The inclination angle of these straight lines to the axis t/p is, independent of pressure, equal to constant K . In the derivation of equations (1) and (2), the authors made use of the concepts put forward in the papers of Refs. 10 and 11 dealing with the course of irreversible reactions on a homogeneous surface. These equations apply to the case where isoamylenes and isoprene are strongly adsorbed on the surface with equal adsorption coefficients. Equation (1) characterizes the conditions under which the gas is perfectly mixed. A lacking mixture was assumed in the derivation of equation (2). The authors conclude from the results obtained that the ratio of the adsorption coefficients of isoprene and isoamylenes on the chromium catalyst did not exceed 2. They conclude furthermore that the said coefficient of isoamylenes lies higher by two orders of magnitude than that of isopentane. A comparison of experimental results on a pseudoliquid and on a resting layer proves that in the former case the gas was completely intermixed while there was no mixing in the latter case. By reducing the mixing it is possible to increase the isoprene yield. The authors thank Academician B. A. Kazanskiy for his discussion. There are 4 figures, 1 table, and 11

✓c

Card 3/4

Study of the Reaction of Catalytic De-
hydrogenation of Isopentane

S/020/60/133/005/012/019
B016/B060

Soviet references.

ASSOCIATION: Institut neftekhimicheskogo sinteza Akademii nauk SSSR
(Institute of Petroleum-chemical Synthesis of the
Academy of Sciences, USSR)

SUBMITTED: April 15, 1960

Card 4/4

LABORSKIY, K.P. (Moskva); ROZENTAL', A.L. (Moskva) EGLIT, A. Kh. (Moskva)

Natural gas in reduction reactions of iron ores in a fluidized
bed. Izv. AN. SSSR. Otd. tekhn. nauk. Met. i topl. no.2:13-19
Mr-Ap '61. (MIRA 14:4)

(Iron--Metallurgy) (Fluidization)
(Gas, Natural)

KOLUPAYEVA, D.I.; LAVROVSKIY, K.P.; ROZENTAL', A.L.

Dehydrogenation of mixtures of isopentane with isopentenol on a
chromia-alumina catalyst. Neftekhimiya 3 no.6:853-858 N-D '63.
(MIRA 17:3)

1. Institut neftekhimicheskogo sinteza AN SSSR im. A.V.Topchiyeva.

POLENAT, A.V., inzh.; PASHCHENKO, Yu.Ya., inzh.

Subharmonic self-oscillations in a 33 kv. substation. Energ. i
elektrotekhn. prom. no.2:53 Apr-Je '65.

(MIRA 18:8)

ROZENTAL', A.Ya., inzh.; VETROV, Yu.A., inzh.

Experience in the operation of TGV-200 turbogenerators. Elek.
sta. 36 no.9:24-26 S '65. (MIRA 18:9)

VERENINOV, A.A.; NIKOL'SKIY, N.N.; ROZENTAL', D.L.

Absorption of neutral red by the giant axon of cuttlefish
during the spreading of excitation. Tsitologiya 4 no.6:
666-668 N-D'62 (MIRA 17:3)

1. Laboratoriya fiziologii kletki Instituta tsitologii AN SSSR
Leningrad.

VISHIK, S.M.; KOBRINSKIY, A.A.; ROZENTAL', A.L. (Moscow)

Dividing partitions for a finite system of measures. Teor.
veroiat. i ee prim. 9 no.1:165-167 '64. (MIRA 17:4)

VISHIK, S.M.; ROZENTAL', A.L.

Divisions of exponential families of distribution. Vest. Mosk. un.
Ser.1: Mat., mekh. 18 no.5:47-49 S-0 '63. (MIRA 16:10)

1. Moskovskiy gosudarstvennyy universitet, kafedra teorii veroyatnostey.

KOPUPAYEVA, D.I.; LAVROVSKIY, K.P.; ROZENTAL', A.L.

Dehydrogenation of isopentane in a vacuum on an industrial chromia-alumina catalyst. Neftekhimiia 3 no.2:177-180 Mr.-Ap '63. (MIRA 16:5)

1. Institut neftekhimicheskogo sinteza AN SSSR imeni A.V.Topchiyeva.
(Butane) (Dehydrogenation) (Catalysts)

ROGINSKIY, S.Z.; ROZENTAL', A.L.

Chemical reactions under chromatographic conditions. Dokl. AN
SSSR 146 no.1:152-155 S '62. (MIRA 15:9)

1. Institut khimicheskoy fiziki AN SSSR. 2. Chlen-korrespondent
AN SSSR (for Roginskiy).
(Chromatographic analysis) (Chemical reaction, Rate of)

ROZENTAL', A.L.

Kinetic analysis of chemical processes involved in the interaction
of gases with solids in a fluidized bed. Kin.i kat. 3 no.4:
541-544 J1-Ag '62. (MIRA 15:8)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Fluidization) (Chemical reaction, Rate of)

ROZENTAL', A.L.

Chemical reactions of gases with solids in a fluidized bed.
Part 1: Complete intermixing of particles with gases. Kin.i
kat. 2 no.6:838-846 N-D '61. (MIRA 14:12)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Fluidization)

ROZENTHAL, A.M.,

GREYSUKH, M.V., inzhener; ROZENTAL', A.M., inzhener; STEFANOVICH, N.N.,
inzhener.

Necessity of expanding the field of application of synchronous
motors. Elektrichestvo no.9:86-88 S '54. (MIRA 7:9)

1. Tyazhpromelektroproyekt.
(Electric motors, Synchronous)

ROZENTAL', A.M.

AID P - 653

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 22/34

Authors : Greysukh, M. V., Eng., Rozental', A. M., Eng., and
Stefanovich, N. N., Eng.

Title : The need to expand the field of application of synchronous
motors. (Discussion)

Periodical : Elektrichestvo, 9, 86-88, S 1954

Abstract : The authors discuss the reasons for and the fields of
possible expansion in the application of synchronous
motors and comment upon the resulting advantages.
2 diagrams.

Institution : Tyazhpromelektroproyekt (Probably: Electric Projects
for Heavy Industry)

Submitted : No date

RECEIVED, 11/5/57
ARUTYUNOV, V.Ya., prof.; BERKOVICH, I.M., doktor med.nauk; BUNIN, K.V., prof.
VBLIKORETSKIY, A.H., prof.; GAMBURG, R.L., doktor med.nauk; GLASKO,
N.M.; ZVYAGINTSEVA, S.G., doktor med.nauk; IVENSKAYA, A.M., kand.med.
nauk; KALUGINA, A.N., kand.med.nauk; KAMINSKAYA-PAVLOVA, Z.A., prof.
KVATER, Ye.I., prof.; KOLEN'KO, A.B., prof.; KOSSYURA, M.B., kand.
med.nauk; KRAVETS, E.M., doktor med.nauk; KRISTMAN, V.I., kand.med.
nauk; KRUZHKOV, V.A., dotsent; LIKHACHEV, A.G., prof.; LUKOMSKIY, I.G.,
prof.; MASHKOVSKIY, M.D., prof.; ROZENTAL', A.S., prof.; SERYYSKIY,
M.Ya. [deceased], prof.; TURETSKIY, M.Ya., kand.med.nauk; KHESIN,
Ye.Ye., dotsent; EMDINA, Kh.L., kand.med.nauk; SHABANOV, A.N., prof.;
red.; BONDAR', Z.A., red.; ZAKHAROVA, A.I., tekhn.red.

[Medical handbook for feldshers] Meditsinskii spravochnik dlia
fel'dsherov. Izd. 6-oe, perer. i dop. Moskva, Gos. izd-vo med.
lit-ry, 1957. 899 p. (MIRA 10:12)
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

ROZENTAL, A.S. (Professor)

Professor G.N. Speranskiy and Professor A.S. Rozental, Khronicheskiye rasstroystva pitaniya u detey rannego vozrasta / Chronic Nutritional Disorders in Young Children /, second edition, Press of the Central Institute for Postgraduate Medical Study, 7 sheets.

This monograph elucidates one of the important questions in the diseases of early childhood, the clinical practice, prophylaxis and therapy of chronic nutritional disorders.

Book intended for physicians.

SO: U-6472, 15 Nov 1954

ROZENTAL, A.S., RAMMEL, E.A., and SPERANSKII, G.N.

"Clinical Features of Sepsis in Children."

Klin. Ned., Mosk. 27, No. 6, 17-26, June, 1949. 3 figs., 15 refs.

This article is based on observations of 45 cases of neonatal and infantile sepsis, of which 15 were cases of toxæmia due to localized infections, 20 cases of septicaemia, and 10 cases of pyæmia. Of the 20 cases of septicaemia 13 were due to umbilical sepsis while in the remaining 7 the source of infection was not discovered. Of the 10 cases of pyæmia 4 were due to umbilical sepsis and 2 to skin infection; in 2 the cause was not discovered. Twelve infants with septicaemia and 3 with pyæmia were under a fortnight old when the condition was diagnosed. This the authors explain by the more acute and sudden onset of septicaemia, and by the lower resistance of the newborn to sepsis. Some of the children were premature; in only one case was there a history of difficult labour, and the weight of infants born at term was up to or above the normal birth-weight. The presenting symptoms of neonatal sepsis include loss of appetite, vomiting, loss of weight and nervous disorders. In septicaemia, anaemia is not a marked feature, but in pyæmia, when suppurating foci are present, it is severe. In septicaemia the specific resistance of the erythrocytes is raised; in the phase of toxæmia it is lowered, and the haemoglobin value falls, as does the erythrocyte count. This explains the appearance of anaemia in the patients admitted to the clinic; they were in an early phase of the disease and anaemia fully developed later.

In both forms of sepsis, neutrophilia, with a shift to the left, was observed. In septicaemia, eosinophils were often absent; in pyaemia, always. As toxæmia disappeared the eosinophils returned, and in the stage of recovery the eosinophil count reached 6 to 10%.

Of the 30 children with generalized sepsis, 6 had an acute haematogenous osteomyelitis, which may be regarded as a local manifestation of a general septicopyaemia. In 4 of these cases the bone infection originated from a pyoderma. Radiographic evidence of osteomyelitis in young infants was usually situated in the region of the epiphyses.

In the acute phase of septicaemia, pneumographic records show irregular breathing, with a long pause between expiration. In pyaemia, this was observed only in 2 children with a very grave toxæmia.

L. Firman-Edwards

Abstracts of World Medicine. Vol. 7, 1950.

MATUSKOV, S. I., ROZENTAL', A. S., kandidat meditsinskikh nauk.

Prevention of pyoderma in machine-tractor station workers. Sov.
med. 19 no.6:55-57 Je '55. (MLRA 8:9)

1. Iz Odesskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta imeni Glavche (dir. S. I. Matuskov) i kafedry kozhnikov i venericheskikh bolezney (zav.-prof. A. P. Lavrov) Odesskogo meditsinskogo instituta (dir.-prof. I. Ya. Deyneka).
(PYODERMA, prevention and control
in Russia, in workers)

SPERANSKIY, G.N., prof.; ROZENTAL', A.S., prof.

Classification of gastrointestinal diseases of small children.
Pediatriia 42 no.5:55-57 My'63 (MIRA 16:11)

*

ROZENTAL' A.S.
MATUSHKOV, S.I., dotsent; ROZENTAL', A.S., kandidat meditsinskikh nauk

Prevention of pyodermitis in agricultural workers. Vrach.delo
no.2:187 F '57. (MIRA 10:6)

1. Kafedra kozhno-venericheskikh bolezney (zav. - dotsent S.I.
Matushkov) i kafedra gigiyeny truda (zav. - prof. Ya.B.Reznik)
Odesskogo meditsinskogo instituta.

(SKIN--DISEASES)

(AGRICULTURAL LABORERS--DISEASES AND HYGIENE)

ROZENTAL', A. S.

Speranskiy, A. M. and Rozental', A. S. "On an investigation of the septic-toxic syndrome in young children," Trudy VI Vsesoyuz. s'yezda det. vrachey, posvyashch. pamyati prof. Filatova, Moscow, 1948, p. 174-80

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

ROZENTAL', A.S., kand.med.nauk, GOYFMAN, M.A., CHUVYCHKIN, Yu.I.

Control of pyoderma among builders of the Kakhovka Hydroelectric
Power Station. Vrach.delo no.5:523-526 My '58 (MIRA 11:7)

1. Kafedra kozhno-venericheskikh bolezney (zav. - dots. S.I.
Mutuskov) Odesskogo meditsinskogo instituta i Khersonskiy oblastnoy
kozhno-venerologicheskiy dispanser.
(SKIN--DISEASES)

ROZENTAL', A.S., prof. (Moscow)

Abiotrophy in childre and its treatment. Fel'd. i akush. 23 no.8:
11-15 Ag '58 (MIRA 11:8)

(CHILDREN--DISEASES)
(MALNUTRITION)

ROZENTAL', Anna Sergeyevna; CHEREMUSHKINA, N.A., red.; BUL'DYAYEV,
N.A., tekhn.red.

[How to prevent nutrition disorders (emaciation) in children]
Kak predupredit' rasstroistvo pitaniia (istoshchenie) u detei.
Moskva, Gos.izd-vo med.lit-ry Medgiz, 1957. 20 p. (MIRA 12:9)
(CHILDREN--NUTRITION)

ROZENTAL', A.S., prof.; KOTEL'NIKOVA, Ye.P., kand.med.nauk; ZUBKOVA, V.L.

Effect of chronic tonsillitis on the course of nephritis.
Pediatriia 37 no.4:60-63 Ap '59. (MIRA 12:6)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR
prof. G.N.Speranskiy) Tsentral'nogo instituta usovershenstvo-
vaniya vrachey (dir. V.P. Lebedeva) na baze Detskoy bol'nitsy imeni
F.E.Dzerzhinskogo (glavnyy vrach A.N.Kudryasheva).

(NEPHRITIS, in inf. & child

eff. of chronic tonsillitis on course (Rus))

(TONSILLITIS

eff. on course of nephritis in child. (Rus))

ROZENTAL', A.S., kandidat meditsinskikh nauk; OKSMAN, M.K., vrach.

Fungous flora of Izmail, Kirovograd, Nikolayev, Odessa, Kherson and Khmel'nitskiy Province. Vest.ven. i derm. no.3:53
My-Je '55. (MLRA 8:10)

1. Iz Odesskogo kozhno-venerologicheskogo instituta imeni
Glavche

(UKRAINE--FUNGI, PATHOGENIC)

ROZENTAL', A.S., professor(Moskva)

Simple and toxic dyspepsia. Fel'd i akush. no.8:7-12 Ag '55.
(INFANT NUTRITION DISORDERS (MLRA 8:10)
dyspepsia, etiol.diag. & ther.)

ROZENTAL', A.S., prof. (Moskva)

Exudative diathesis in children (its symptoms, prophylaxis, and treatment). Fel'd i akush. 24 no.2:6-11 Fe '59. (L2:3)
(SKIN--DISEASES) (CHILDREN--CARE AND HYGIENE)

Medicine

Chronic nutritive disorders and dyspesia during
early age, hypertrophy and atrophy
Moskva, Izd-vo Akademii med. nauk SSSR, 1948

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

ROZENTAL', A.S., prof.; KOTEL'NIKOVA, Ye.P., kand.med.nauk; FELD'MAN,
M.G.; ZUBKOVA, V.I.

Method of studying kidney function in nephritis in children.
Pediatriia no.10:27-32 '61. (MIRA 14:9)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN prof.
G.N. Speranskiy) Tsentral'nogo instituta usovershenstvovaniya
vrachey (dir. M.D. Kovrigina).
(KIDNEYS—DISEASES) (CREATININE)

ROZENTAL' A.Ya., inzhener.

Using 6-35 kw insulation exposed to intensive soiling. Elek. sta.
25 no.6:43-45 Je '54. (MLRA 7:7)
(Electric insulators and insulation)

ROSENTHAL', A.YA.

"Experience in Adjusting and Switching on Arc-Quenching Coils in a Circuit,"

Elek. Stan., no. 11, 1949. Engr.

GINZBURG, L.I., inzh.; ROZENTAL', A.Ya., inzh.

Use of devices recording the operations of valve-type arresters.
Elek. sta. 29 no.2:89 F '58. (MIRA 11:3)
(Counting devices)

ROZENTAL', A.Ya., inzh.

In regard to O.G. Veksel'man's article. Elek.sta. 31 no.7:96
Jl '60. (MIRA 13:8)

(Electric insulators and insulation)
(Electric lines--Overhead)

ROZENTAL', A.Ya., inzhener (Khar'kov).

Conference of the readers of "Elektrichestvo" in Kharkov. Elektri-
chestvo no.5:85-86 My '55. (MIRA 8:6)
(Electric engineering—Periodicals)

L 22436-66

ACC NR: AP6013625

SOURCE CODE: UR/0104/65/000/009/0024/0026

AUTHOR: Rozental', A. Ya. (Engineer); Veterov, Yu. A. (Engineer)

ORG: none

TITLE: Experimental runs of TGV-200 turbogenerators

SOURCE: Elektricheskiye stantsii, no. 9, 1965, 24-26

TOPIC TAGS: electric power plant, electric generator, turbine

ABSTRACT: TGV-200 turbogenerators produced by the Khar'kov factory "Elektrot'yazhmash" im. V. I. Lenin are nowadays in use at numerous domestic and foreign electric power stations. The paper presents data concerning the operation of these machines at one of the electric stations of Khar'kovenergo from their introduction in 1960 to the present time. Accumulated results shown in the form of tables indicate that: 1) these turbogenerators are reasonably reliable and the actual characteristics agree with those on the rating plates; 2) the machines have a favorable distribution of the journal bearings within the end panels of the generator, a convenient stator suspension on special springs, and a convenient placing of the rotor best rings at a single location; 3) the "Elektrot'yazhmash" and its research institute should improve the hydrogen seals, study the effect of ..

Card 1/2

UDC: 621.313.322-81.004

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ACC NR: AP6013625

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stray currents on end portions of the machine, and provide it with an ion excitation system thus increasing its reliability; 4) Zaporozhskiy elektroapparatnyy zavod (Zaporog factory for electrical equipment) should drastically improve the quality of its ionic rectifiers; 5) the "Uralelektrotiyazhmash" factory should reconsider its design of the fast anode disconnecting switch until they become fully reliable; and 6) the thermal tests of the TGV-200 turbogenerators give grounds for expectations that an increase in excess pressure by 3.5 to 5 atm may increase their power by 10%, i.e., the capacity can be increased to 220 MW. Orig. art. has: 3 tables. [JPRS]

SUB CODE: 10 / SUBM DATE: none

Card 2/2 BKG

ROZENTAL', A.Ya., inzh.; BARANOV, V.P., inzh.

Damage occurring during the operation of oil-filled lead-ins.
Elek. sta. 33 no.4:84-85 Ap '62. (MIRA 15:7)
(Electric power distribution--Equipment and supplies)

AL'TSHULER, S.Z., inzhener; LOMONOSOV, M.A., inzhener; ROZENTAL', A.Ya.,
inzhener; RYABKO, N.M., inzhener.

Damage to turbogenerator rotors produced by the British firm
"BTH." Elek.sta. 28 no.9:86-87 S '57. (MIRA 10:11)
(Turbogenerators)

ROZENTAL', A.Ya.
GINZBURG, L.I., inzhener; ROZENTAL', A.Ya., inzhener.

Fastening lightning protective cables to electric transmission
line poles. Elek.sta. 28 no.9:93 S '57. (MIRA 10:11)
(Lightning protection)

ROZENTAL', A. Ya.

AID P - 1301

Subject : USSR/Electricity
Card 1/1 Pub. 27 - 25/30
Author : Rozental', A. Ya., Khar'kov
Title : Marking phases in three-phase electrical installations
Periodical : Elektrichestvo, 1, 83, Ja 1955
Abstract : The author in a letter to the editors, states that the accepted marking of phases by colors leads to confusion with the color markings of transformer winding connections. He submits a different way of marking phases.
Institution : None
Submitted : No date

ROZENTAL', A. Ya.

Electric Currents - Grounding Electric Circuit Breakers.

Grounding of the center of the dividing chain over oil circuit breakers.
Elek.sta. 23 no. 2, 1952. Inzh.

SO: Monthly List of Russian Accessions, Library of Congress, April 1952 ~~1952~~, Uncl.

ROZENTAL', A. Ya.

U.S.S.R.

621.315.62

2283. On the operation of 6-35 kV insulation exposed to intense contamination. A. YA. ROZENTAL'. *Elektr. Stantsii*, 1958, No. 6, p. 5. In Russian.

A critical survey of Russian pin-insulators and porcelain bushings with respect to their performance under heavy fouling, e.g. in outdoor plant near boilerhouses. A few figures illustrate the requirements. Only one 35 kV pin-insulator satisfies the condition but is out of production. A 35 kV transformer bushing, fitted for this condition with a second porcelain body on top of the standard porcelain is the best compromise but is mechanically unsatisfactory. In the 3-6 and 10 kV range it is recommended to use insulators of the next higher voltage class. Insulator makers should pay more attention to this point. In future, electrical plant near boiler houses should be installed indoors.

F. BUSEMANN